

FIGURE 1A(1)

TOP DOT " 68650000

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CTGTGCAGGAAGGAGAACCTCAAAGACTGGATGAACGGCGCTGCAGCTGGAGGACCGGGA
GCACGGCGTGTGCCTGCACATCTCCTGCAGATCGCAGAGGCAGTGGAGTCCTGCACAGCA
AGGGACTCATGCACAGGGACCTCAAGCCTCAACATATTCTTCACAATGGATGATGTGGTC
AAGGTTGGGGACTTTGGACTGGTACTGCTATGGACCAAGATGAAGAAGAGCAGACTGTTCT
GACTCCAATGCCAGCCTATGCTACGCACACGGGACAAGTAGGGACCAAGCTATACATGAGCC
CAGAGCAGATTCATGGAAACAACACTCCATAAAGTGGACATCTTCTCTTAGGCTTGATT
CTGTTGAACCTCCTACCCATTAGCACCCAGATGGAACGAGTCCGGATTTAACTGATGTT
CAGAAATCTCAAGTTCCCTACTGTTCACTCAGAAATATCCCCAAGAGCATATGATGGTTC
AAGACATGCTCTCTCCATCCCCACGGAGCGGCCTGAAGCCACAGACATCATTGAAAATGCC
ATATTGAGAACTTGGAGTTCCCGGGAAAACGGTTCTGAGACAGCGGTCCCGCTCCATGAG
TTCATCTGGAACAAAACATTCCAGACAGCCCAGCTGCTCGTACAGCCCAGTGCCTGGCAACT
AGCCCTCAGCTGCCCTCGAAGGTGGCAGAGCAGGCACCCCTGAGGAACATGGCTCTCCACAGC
GGTGGACTCAGATTTATGCTTGATCAGTTGGACTCGGGACCAATTCTTAAGTCAGACT
GGATCACGGGCCTAACCCAGTTGATCTTAACTGAACCTCAAGGAAAGGGCTGTGTAAGGA
CACATGAACCTGTTGCTTGTGGTCCCAAGACTAGCTGGTCAGCTTAGAACCTTCACCTT
TCACCAGGGGGTAGAAGAGATCCTCAAATGGTCTGAACCTGGAAATGTCTTAAAGCACAAA
GTGAAAAGACCCCTCTCACATGGGAACATACATGTTCTAGAAACGTGCTTCTAGAGATA
GGGTGATTTGGAAGTGGTTGTTAAAGCTGACTTCATTTTCCCTGGTGAGCCGTGAC
CCATCTGCACTAATTGCAAGGCACATAGCACAAGCTGGTCGCCATTATGTCGGTAGTGT
CATAGTCTGCAGCAGTGAATAGCGTCATTCTTCAGGTGGCTAGGGAGCGCGAAAAGCTTT
TTGACTTTTACCTCAAATAATGGAAATGAAGCTTTAGGTATTGGTCAAAAGATCTGA
TTTGAGAGTTGGGTTTTTTAAGTGCAGTAGGAAATGGATTATCTATTACAACAA
TTCTCAATTATGGAATTTTATCCTAGTAGAATTCTGTCTTAAATGTAATACTACAAGTGG
GTACATTCCCCAAACTGATTATAGATAAGTTAATCATCTCAACTTGCTAACATGTTCA
TTTTCTGTAAATACGTTATTTTATTTAAATCTGAAATCAATCCATTGGGTT
GGTGGTGTACAGAACGACGTAAAGTGTGATAACTATTGACTCTTCAAGTCTAAATGAT
TTAATAAAAAAATTAAATTAAAAAAAAAAAAAAAAAAAAA (SEQ ID NO:1)

FIGURE 1A(2)

TOP SECRET//SI//REL TO USA, FVEY

MERATRPGPRALLLFLLLGCAAGISAVAPARSLLAPASETVFGLGAAAAPTSAAARVPAVA
TAEVTVEDAEALPAAAGEPESRATEPDDDVELPRPRGRSLVIISTLDGRIAALDAENDGKKQW
DLDVGSGSLVSSSLSKPEVFGNKMIIIPSLDGDLFQWDRDRESMEA VPFTVESLLESSYKFGD
DVVLVGGKSLITYGLSAYSGKLYICSALGCRWDSEMEEEEDILLQRTQKTVRAVGPRS
GSEKWNFSVGHFELRYIPDMETRAGFIESTFKPGGNKEDSKIISDVEEQEATMLDTVIKVSV
ADWKVMAFSRKGGRLEWEYQFCTPIASAWLVRDGKVIPIISLFDDTSYTASEEALGDEEDIVE
AARGATENSVYLGMYRGQLYLQSSVRVSEKFPTSPKALESVNGENAIIPLPTIKWKPLIHSP
SRTPVLVGSDEFDKCLSNDKYSHEEYNGALSILQYPYDNGYYLPYYKRERNKRSTQITVRF
LDSPHYSKNIRKKDPILLLHWWKEIFGTILLCIVATTFIVRRLFHPQPHRQRKESETQCQTE
SKYDSVSADVSDNSWNDMKYSGYVSRYLTDFEPIQCMGRGGFGVVFEAKNKVDDCNYAIKRI
RLPNRELAREKVMREVKALAKLEHPGIVRYFNAWLETPPEKWQEEMDEIWLKDESTDWPLSS
PSPMDAPSVKIRRMDPFSKEQIEVIAPSERSRSFSGVGISCGQTSSSESQFSPLEFSGTDC
GDNSDSADAAYNLQDSCLTDCEVEDGTVDGNDEGHSFELCPSEASPYTRSRGTSSSIVFE
DSGCGNASSKEEPRGNRLHDGNHYVNKLTDLKCSSRSSEATTLSTSPTRPTTLSLDFTKN
TVGQLQPSSPKVYLYIQMQLCRKENLKDWMNRRCSLEDREHGVLHIFLQIAEAVEFLHSKG
LMHRDLKPSNIFTMDDVVKGDFGLVTAMDQDEEEQTVLTPMPAYATHTGQVGTKLYMSPE
QIHGNNSHKVDIFSLGLILFELLYPFSTQMERVRILTDVRNLKFPLLTQKYPQEHMVMQD
MLSPSPTERPEATDIENAIHENLEFPGKTVLRQRSRSMSSSGTKHSRQPSCSYSPPLPGN
(SEQ ID NO:2)

FIGURE 1B

underlined = deleted in targeting construct

[] = sequence flanking Neo insert in targeting construct

CGATGTCTGCACAAGGCTGTCACTCAGGTGGCAGTGGCTGACACGTGGCCGGGAGCTCT
 GCTGCTGCGGCGCGAAGTCGAGAGGGCGGGTCCGTGGCGCGCCTCGATTGCTCCG
 AGGCTCCGAGCGCGATACGGGCGGGCGCCGACGGCAGGGTCTCATGCCCGCGCTGGG
 GCGGGCGCTGATGGAGCGGCCACCCGGCCGGGGATCTCTGCGGTCGCGCCGCCGAGTTGCTTGT
 TCCTGCTGCTGGCTGCGCGGGATCTCTGCGGTCGCGCCGCCGAGTTGCTTGT
 CTCCCGCGTCGGAGACAGTGTGGCTAGGGCAGCGGCCGCCGACTTCGGCCGCC
 GGGTGCCTGCGGTGGCAACGCCGAAGTGGACCGTGGAGGACGCCGAGGCATTGCCGGCTG
 CCGCTGGCGAACCGGAGTCACGCCGACGGAGCCGATGACGACGTGGAACCTGCCGCTC
 GCGGAGGTCTTGGTAATCATCAGCACTTAGATGGACGAATCGCTGCACTGGATGCC
 AGAATGATGGGAAAAGCAGTGGGATTGGACGTGGGCTGGTCTGGTCTGGTTCATCTA
 GCCTCAGCAAGCCAGAGGTGTTGGAACAGATGATCATCCCCCTCCGGATGGAGACC
 TCTTCAGTGGGACCGGGACCGAGAGACATGGAGGGCGTCCCCCTCACGGTGGAGTCCC
 TGCTCGAATCTCTACAAGTTGGAGATGATGTTCTGGTTGGAGGGAAATCTCTGA
 TTACATACGGACTCAGTGCTTACAGTGGAAAGCTGAGGTATATCTGTTCTGCCCTGGGAT
 GTCGCCGATGGGATAGTGTGAAATGGAGAAGAGGAAAGACATCTGCTTCTGCAGCGTA
 CGCAGAAGACTGTGCGAGCTGCGGGCTCGAACGCCGAGTGAGAACGTGGAATTTCAGTG
 TTGGCCACTTGAACCTCGGTATATTCCAGACATGGAAACTAGAGCCGGATTCAATTGAAA
 GCACCTTAAACCGGGTGGAAACAAAGAAGACTCTAAAATTATTCAAGATGTGGAAGAAC
 AAGAAGCCACATGCTGGACACAGTGATAAAAGTTCCGTTGCTGATTGGAAAGGTGATGG
 CGTTTAGGAAGGGAGGCCGCTGGAATGGGAGTACCGAGTTGACTCCCATCGCGT
 CCGCCTGGCTGGTGGAGGGATGGCAAGGTATCCCCATCAGCCTGTTGATGATAACAGTT
 ACACAGCAGCGAAGAAGCCTGGGAGACGAAGAACATTGTAGAGGCTGCTCGGGGAG
 CCACAGAGAACAGCGTGTACTTAGGGATGTACAGAGGCCAGCTGTACCTGCAGTCGTC
 TCAGGGTCTCAGAAAAGTCCCTACAAGCCCAAAGGCCCTGGAGTCTGAAATGGCGAA
 ATGCAATTATTCCCTGCGCAGCATCAAATGGAAGGCCCTAACCTTCCTCTAGGA
 CTCCCTGCTTGGTTGGGCTGTGATGAAATTGACAAATGCTAAGTAATGATAAGTATTCCC
 ACGAAGAAACAGTAATGGTGCACTTCAATCCTCCAGTATCCATACGATAACGGTTACT
 ATCTGCCATACTACAAGAGAGAAAGGAATAAGCGGAGCACGCAGTCAGTCAGGTTCC
 TGGACAGCCCCACTACAGCAAGAACATCGCAAGAAGGACCTATCCTCTGCTGCACT
 GGTGGAAGGAGATATCGGGACGATCTGCTTGCATCGTAGGCCAGCACCTCATCGTGC
 GCAGGCTTTCCATCCTCAGCCCCACAGGCCAGCGGAAGGAGTGTAAACTCAGTGCCAGA
 CTGAAAGTAACATGACTCCGTGAGTGGCAGTCAGTGACAAACAGCTGGAATGACATGA
 AGTACTCAGGATACTGATCCGATATCTAACAGATTGAGCCAATTCACTGCAATTACGCTA
 GTGGTGGCTTGGGCTTGTGTTGAAGCTAAAACAAAGTAGATGACTGCAATTACGCTA
 TCAAGAGGATCCGGCTCCCAAGGGAGTTGCACGGAGAAGGTAATGCAGGGAAAGTTA
 AAGCCTGGCTAACGCTGGAACACCCAGGATTGTGAGGTATTCAACGCCCTGGCTGGAAA
 CCCCACAGAGAAGTGGCAAGAAGAGATGGATGAGATCTGGCTAACAGACGAAAGCACAG
 ACTGGCCGCTCAGCTCCCTAGCCCAGTGGATGCCCATCTGTTAACGATCCGAAGGATGG
 ATCCYTTCTCTACAAAAGAGCAGATGAAAGTCAGTCAGTCAGTCAGTCAGTCAGTC
 CTTTCTCGGTGGCATTCTGCGGAGACAAGCTCATGGAGAGGCCAGTTCTCTCCCC
 TGGAGTTCTCAGGGACAGACTGCGGAGACAAACAGTGACTCAGCGGAGCGAGCTACAACC
 TCCAGGACAGTTGCTGACGGACTGCGAGGACGTGGAGATGGCACCGTGGACGGCAATG
 ACGAGGGACACTCCTTGAACTTGTCCGTCGAAGCTTCTCCC [TATAACCCGGTCTAGG

FIGURE 2A(1)

TOXOTTE® E865000T

GAAGGAACGTCCCTCCATAGTGTGAGGACTCTGGCTGCGGCAACGCGTCCAGTAAG
 GAGGAGCCCAGAGGGAACCGGCTGCATGATGGCAACCATTATGTTAATAAGCTAACTGAT
 CTCAAGTGTCTCAGCAGCAGGTCTTCTCAGAACGCCACCTGTCTACCTCCCCCTACC
 AGGCCAACACTCTAAGCTGGATTCACCAAGAACACTGTGGCCAGCTCCAGCCAGC
 TCCCCCAAGGTGATCTGTACATTAGATGCAGCTGTGCAGGAAGGAGAACCTC] AAAGA
 CTGGATGAACCGGCGCTGCAGCTGGAGGACCGGGAGCACGGCGTGTGCACATCTT
 CCTGCAGATCGCAGAGGCAGTGGAGTCTGCAC [AGCAAGGGACTCATGCACAGGGACC
 TCAAG] CTTCCAACATATTCTCACAATGGATGATGTTGTCAGGTTGGGACTTTGGA
 CTGGTACTGCTATGACCAAGATGAAGAAGAGCAGACTGTTCTGACTCCAATGCCAGCC
 TATGCTACGCACACGGGACAAGTAGGGACCAAGCTATACATGAGCCCAGAGCAGATTCAT
 GGAAACAACACTCCCATAAAGTGGACATCTCTCTTAAAGCTGATTCTGTTGAAC
 CTCTACCCATTCAAGCACCAAGATGGAACGGAGTCGGATTAACTGATGTCAGAAATCTC
 AAGTTCCCTACTGTTACTCAGAAATATCCCAAGAGCATACTGATGGTCAAGACATG
 CTCTCTCCATCCCCACGGAGGGCCTGAAGCCACAGACATCATTGAAAATGCCATATT
 GAGAACTTGGAGTTCCCGGAAACGGTCTGAGACAGCGGCTCCGCTCCATGAGTTCA
 TCTGGAACAAACATTCCAGACAGCCCAGCTGCTCGTACAGCCCAGCTGGCAACTAG
 CCCTCAGCTGCCCTCGAAGGTGGCAGAGCAGGACCCCTGAGGAACATGGCTCTCCACAGC
 GGTGGACTCAGATTATGTTGATCACTGGACTGGGACCAATTCTAAGTCAGA
 CTGGATCACGGCTAACCCAGTTGATCTAACTGAACCTCAAGGAAGGGCTGTGAA
 AGGACACATGAACCTGTTGCTGCGGTCCCAGACTAGCTGGTCAGCTTAGAACCTT
 CACTTTCAACCAGCGGTAGAAGAGATCCTAAATGGTCTGAACCTGAAATGTCTTAA
 GCACAAAAGTGTAAAAGACCCCTCACATGGGAACTACATGTTCTAGAACCGTCTTCT
 AGAGATACAAGGGTGTAGTTGGAAGTGGTTATAAAGCTGACTTCATTTTCCCTG
 GTGAGCCGTGACCCATCTGCACAAATTGCAAGGCACATAGCACAAGCTGGTCGCCATT
 TATGTCGGTAGTGTCAAGTCTGCAGCAGTGAATAGCGTCATTCTCAGGTGGCTAGGG
 AGCGCGAAAAGCTTTTGACTTTTACCTCCAATAATGGAAAATGAAGCTTTAGGT
 ATTGGTCAAAGATCTGATTGAGAGTTGGGTTTTTAAGTGCAGTAGGAATG
 GATTATCTATTACAACACTCTCAATTATGGAATTTCATCTAGTAGAATTCTGTC
 TTAAATGTAATACTACAAGTGGGTACATTCCCCAACTGATTATAGATAAGTTAATCA
 TCTCAACTTGCTAACATGTTTCATTCTCTGAAATACGTTATTGTTATTATAAA
 AATTCTGAAATCAATCCATTGGGTTGGGGTGTACAGAACGCACGTAAGTGTGATAACT
 ATTATGACTCTTCAAGTCTAAATGATTAAATAAAAAATTAAATTAAAAAAA
 AAAAAAAAAAAAAA

FIGURE 2A(2)

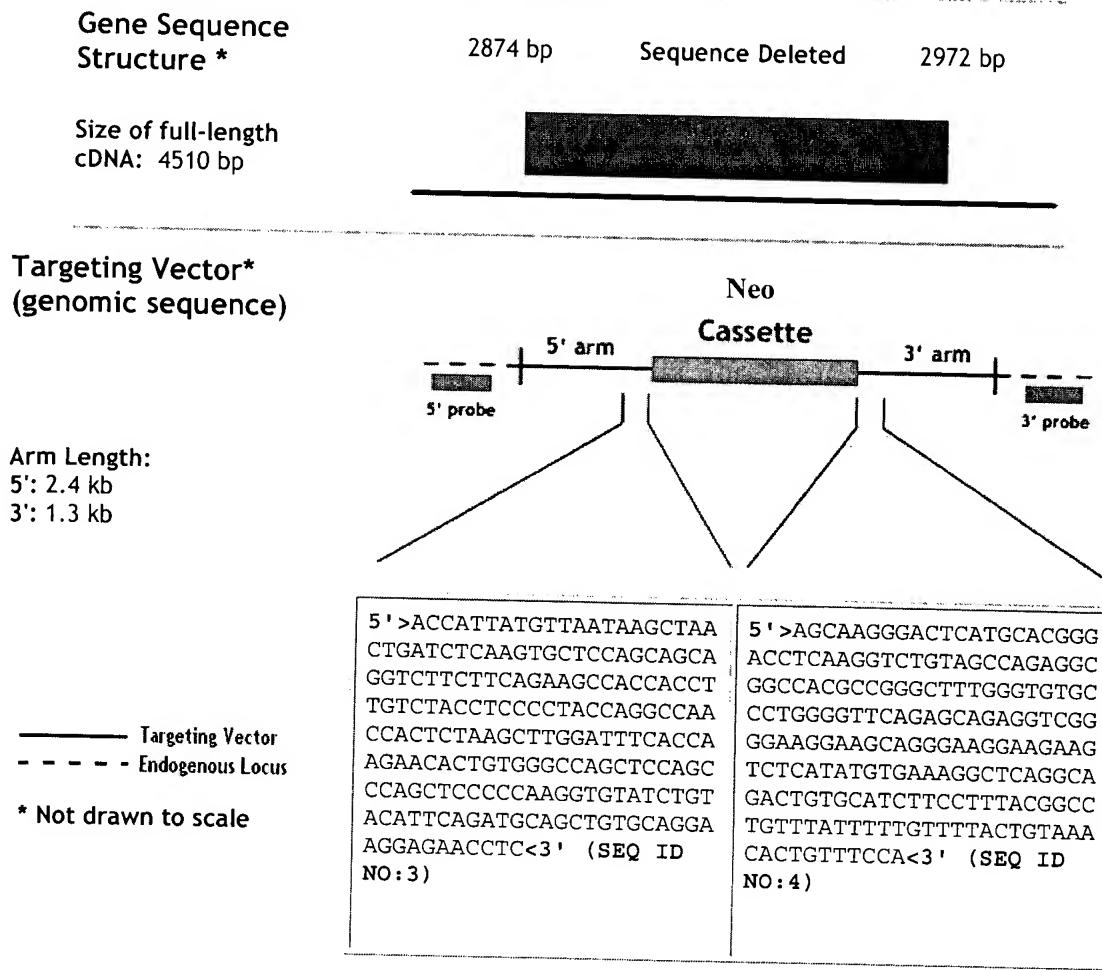


FIGURE 2B

Phenotypic Data Summary - Metrazol

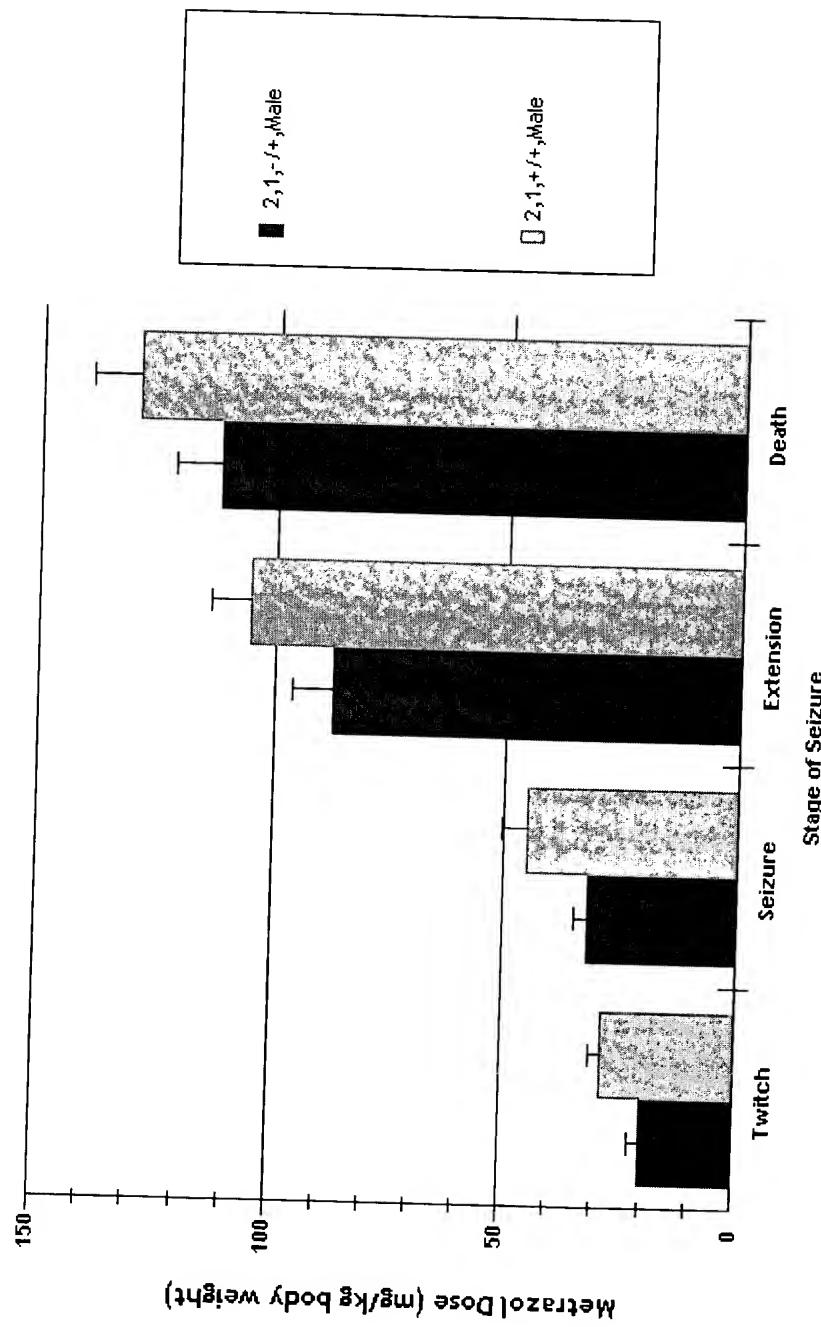


FIGURE 3